SATELLITE COMMUNICATION SYSTEM

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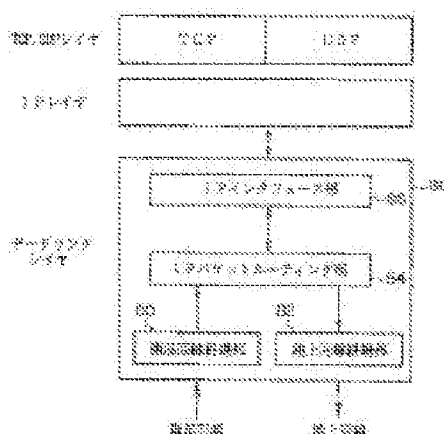
- European:

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Abstract of **JP 10056416 (A)**

PROBLEM TO BE SOLVED: To provide a satellite communication system in which communication using two channels of a satellite channel and a ground channel is attained by having only to provide one Internet protocol(IP) address to each terminal equipment. SOLUTION: A satellite channel connection module is made up of a satellite channel termination section 80, a ground channel termination section 82, an IP interface section 86, and an IP packet routing section 84 to execute real processing of a data link layer. The satellite channel termination section 80 executes real processing of the data link layer of the satellite channel, and a ground channel termination section 82 executes real processing of the data link layer of the ground channel. An IP interface section 86 conducts transmission reception of an IP packet with respect to an IP layer.; The IP packet routing section 84 makes routing to the IP packet in this module. The satellite channel connection module sends the IP packet as one data link layer processing module to the IP layer of a host layer.